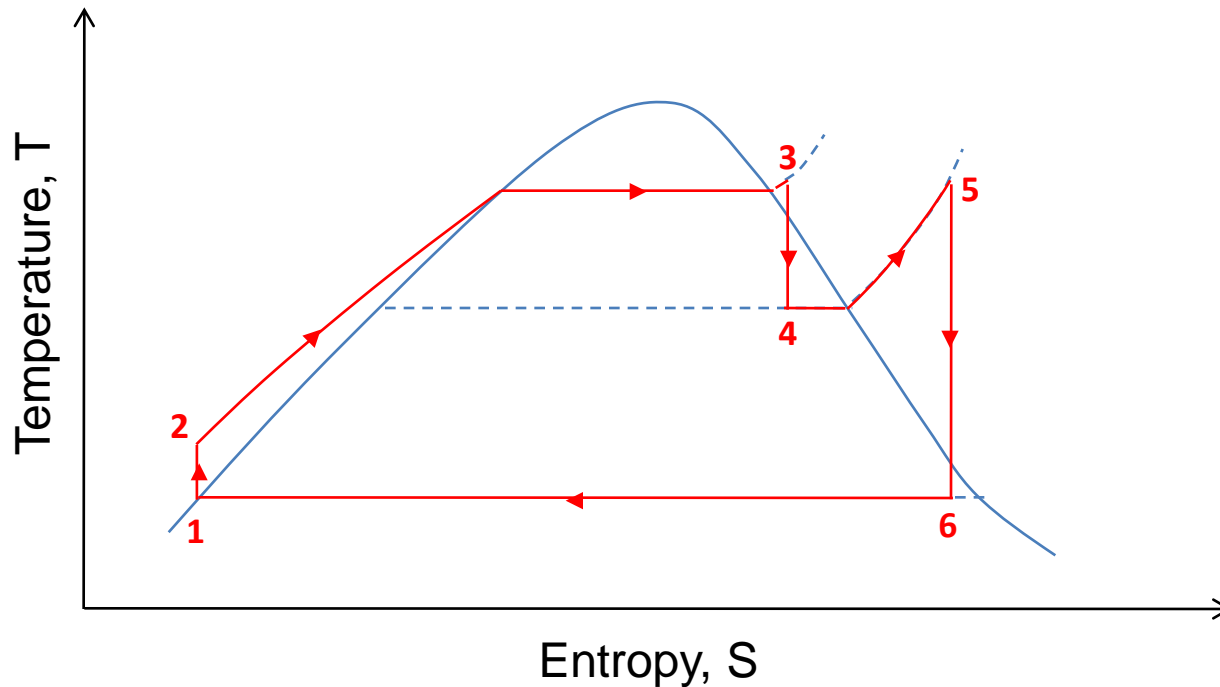


Ideal Rankine Cycle with Reheat



Stages:

- 1→2: isentropic compression in a pump
- 2→3: constant pressure heat addition in a boiler
- 3→4: isentropic expansion in high-pressure turbine
- 4→5: constant pressure reheating in boiler
- 5→6: isentropic expansion in low-pressure turbine
- 6→1: constant pressure heat rejection in condenser